

CLAIM AMENDMENTS

Please cancel claims 1-31 and 43-70, and add new claim 71.

32. (currently amended) A lamp assembly comprising:

a housing having an inlet opening and an outlet opening;

a bulb assembly disposed within the housing to produce radiation;

at least one conduit connecting ~~[between]~~ the inlet opening and the outlet opening

~~[to transport]~~ transporting fluid through the housing; ~~[and]~~

a reflector assembly disposed within the housing~~;~~, said reflector assembly including at least two diminishing radii of curvature that form a curvature peak adjacent the bulb assembly; and

wherein ~~[the reflector assembly is configured to focus]~~ substantially all light emitted from the bulb assembly ~~[onto the at least one conduit to irradiate fluid passing through the conduit and to focus light]~~ is reflected away from the bulb assembly toward the at least one conduit.

33. (currently amended) The lamp assembly of claim 32 wherein:

the reflector assembly includes at least one reflector which has a portion of increasing radius of curvature ~~[and a portion of diminishing radius of curvature which cooperate to focus radiation away from the bulb assembly and onto the at least one conduit].~~

34. (currently amended) The lamp assembly of claim ~~[31]~~ 32 wherein:

the reflector assembly includes a pair of reflectors which cooperate to surround the at least one conduit.

35. (currently amended) The lamp assembly of claim ~~[32]~~ 34 wherein:

each of the pair of the reflectors are elongate and are generally omega shaped in cross-section, each of the pair of the reflectors having opposing generally curved central portions and a pair of opposing flanges which mate [~~relative to~~] with one another.

36. (original) The lamp assembly of 32 wherein:

the reflector assembly includes at least one reflector having a generally planar portion and a curved portion, the curved portion focusing the emitted radiation upon the at least one conduit.

37. (currently amended) The lamp assembly of claim 32 further comprising:

[~~an~~] a lower end cap disposed at the lower portion of the lamp assembly.

38. (currently amended) The lamp assembly of claim 37 wherein:

the lower end cap is generally cup-shaped and includes a self-sealing valve to prevent liquid from escaping from the lower end cap.

39. (original) The lamp assembly of claim 38 wherein:

the valve includes a check ball valve.

40. (original) The lamp assembly of claim 32 further comprising:

a top end cap which includes the inlet.

41. (original) The lamp assembly of claim 40 wherein:

the top end cap includes a dislodging pin extending away from the bulb assembly.

42. (currently amended) The lamp assembly of claim 32 wherein:

a pair of elongate and curved enclosures [~~capturing about~~] wrap around the reflector assembly.

71. (New) A lamp assembly comprising:

Applicants : Roy W. Kuennen et al

Page No. : 5

a housing;

a conduit disposed within said housing;

a bulb disposed within the housing to produce radiation; and

a reflector assembly including a plurality of diminishing radii of curvature that intersect adjacent the bulb and reflect substantially all radiation emitted from the bulb toward the conduit.